OCT 2 3 2006

PATENT

Serial No. 1C/538,628

Amendment in Reply to Office Action mailed on August 22, 2006

## TO THE UNITED STATES PATENT AND TRADEMARK OFFICE

(571) 273-8300

I certify that this document consisting of 23 pages (including 14 pages of Response/Amendment; 2 sheets of Replacement Drawings; and 7 sheets of Article by Steinbuch) is being transmitted via facsimile to the United States Patent and Trademark Office at the telephone number set forth above on October 23, 2006.

(Signature) Dicran Halajian

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

THOMAS JAN DE HOOG

NL 021449

Serial No. 10/538,628

Confirmation No. 8934

Group Art Unit: 2627

Filed: JUNE 10, 2005

Examiner: SLAVITT, M.R.

Title:

REPETITIVE CONTROLLER AND DRIVE SERVO SYSTEM INCLUDING IT

Mail Stop Amendment Honorable Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## AMENDMENT

Sir:

In response to the Office Action mailed on August 22, 2006, please amend the above-identified application as follows: